



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number 10/543044
Filing Date 7/21/2005
First Named Inventor RAMASWAMY, KUMAR
Art Unit 2483
Examiner Name HOLDER, ANNER N.
Attorney Docket Number PU030044

Sheet 1

of

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4870497	09/26/1989	CHAMZAS ET AL.	
		US- 5371551	12/6/1994	LOGAN ET AL.	
		US- 5446759	08/29/1995	CAMPANA, JR.	
		US- 6700624	03/02/2004	YUN	
		US- 5592471	01/07/1997	BRISKMAN	
		US- 5703877	12/30/1997	NUBER ET AL.	
		US- 5835483	11/10/1998	BISSON	
		US- 6038257	03/14/2000	BRUSEWITZ ET AL.	
		US- 6144400	11/07/2000	EBISAWA	
		US- 6148005	11/14/2000	PAUL ET AL.	
		US- 6195024	02/27/2001	FALLON	
		US- 6701528	03/02/2004	ARSENAULT ET AL.	
		US- 6771657	08/03/2004	ELSTERMANN	
		US- 6414725	07/02/2002	CLARIN ET AL.	
		US- 6418549	07/09/2002	RAMCHANDRAN ET AL.	
		US- 6442622	08/27/2002	YAMAMOTO ET AL.	
		US- 6480541	11/12/2002	GIROD ET AL.	
		US- 6646578	11/11/2003	AU	
		US- 6687305	02/03/2004	NAKAMURA ET AL.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	†
		Country Code* Number *Kind Code* (if known)				
		CA1065409	10/30/1979	BAKER		
		WO00/16544	03/23/2000	ACTV, INC.		
		JP2001285736	10/12/2001	CANON KK	Machine Trans.	
		JP1045342	05/29/1998	SONY CORP.		✓
		WO00/14967	03/16/2000	KONINKLIJKE PHI		
		WO/74086	10/04/2001	KONINKLIJKE PHI		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **12**of **14****Complete if Known**

Application Number	10/543044
Filing Date	7/21/2005
First Named Inventor	RAMASWAMY, KUMAR
Art Unit	2483
Examiner Name	ANNER HOLDER
Attorney Docket Number	PU030044

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 7403660	07/22/2008	HANNUKSELA	
		US- 5477263	12/19/1995	O'CALLAGHAN ET AL.	
		US- 6920422	07/12/2005	KROON ET AL.	
		US- 5822324	10/13/1998	KOSTRESTI ET AL.	
		US- 7003794	02/21/2006	AYRE	
		US- 6304609	10/16/2001	STEPHENS ET AL.	
		US- 2002/0101581	08/01/2002	MURAKAWA ET AL.	
		US- 2002/0116715	08/22/2002	APOSTOLOPOULOS	
		US- 2002/0136538	09/26/2002	CHEN	
		US- 2002/0141740	10/03/2002	MATSUI	
		US- 2002/0191116	12/19/2002	KESSLER ET AL.	
		US- 2002/0191712	12/19/2002	GADDAM ET AL.	
		US- 2002/0002708	01/03/2002	AYRE	
		US- 2002/0040481	04/04/2002	OKADA ET AL.	
		US- 2002/0047902	04/25/2002	THOMAS ET AL.	
		US- 2002/0067436	06/06/2002	SHIRAHAMA ET AL.	
		US- 2004/0028228	02/12/2004	HAMADA ET AL.	
		US- 2004/0162078	08/19/2004	RAMASWAMY ET AL.	
		US- 2004/0101057	05/27/2004	SHIRAIISHI ET AL.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T*
		Country Code ² Number ³ Kind Code ⁴ (if known)				
		JP2000354023	12/19/2000	MITSUBISHI ELEC		<input checked="" type="checkbox"/>
		JP2002344838	11/29/2002	FUNAI ELEC.	Machine Trans.	<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

(Use as many sheets as necessary)

of

Application Number	10/543044
Filing Date	7/21/2005
First Named Inventor	RAMASWAMY, KUMAR
Art Unit	2483
Examiner Name	HOLDER, ANNER N.
Attorney Docket Number	PU030044

[illegible][illegible]

Date Considered

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ⁴ For Japanese patent documents, the date of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required for 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.H./

PTO/SB/08b(08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

4

C

4

Complete if Known

Application Number	10/543044
--------------------	-----------

<i>Filing Date</i>	07/21/2005
--------------------	------------

First Named Inventor	RAMASWAMY KUMAR
----------------------	-----------------

Art Unit	2483
----------	------

Examiner Name	ANNER HOLDER
---------------	--------------

Attorney Docket Number	PU030044
------------------------	----------

NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner
Signature

/Anner Holder/

Date _____

Considered

03/24/2011

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

* Applicant's unique citation designation number (optional). * Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.H./